

Cracklin' Static

FEBRUARY 2019 Edition



Breakfast Meeting: Sat, Feb 2nd.

Boomtown Casino Hotel
Events Center
I-80 at Exit 4 in Verdi

Breakfast Buffet – 7:30am - \$12
General Meeting – 8:00am
Marcus Gilson AK7MG, writer of the RemoteTx software/hardware rig control solution will speak at the February meeting.

SNARS NET on DMR – Tuesday 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury – As of Jan 26	
Checking	\$6,754
Savings	\$7,914
Self Insurance	\$4,163
Convention	\$6,221
PayPal	\$816
Total	\$25,868

SNARS Membership – ending Jan 28		
General	97	27%
Technician	122	34%
Extra	126	35%
Advanced	14	4%

SNARS Members	359	
ARRL Members	235	65%

President's Voice

President John Byerly, N7ROJ

Email: mtnlion@gmail.com

We had an incredibly successful youth day event in several locations after last meeting. It was a surprising turnout and I want to thank Barry and his team for putting in the time and effort to make it come to fruition. This is an outstanding example of how a member took an idea, and ran with it to do something great for the hobby, and SNARS as a club.

SNARS, your club, needs more of that from members... like YOU!!

We need a Field Day Coordinator. It's not a job anyone takes on alone, but someone needs to head it up. Do you like Field Day? Do you want to help your club? Perfect Match!

Are you interested in being on a committee that reviews the club's bylaws? Would you like to help with NVCON? There are so many opportunities available that won't take too much of your time, but would make all the difference in events or with club business.

I would like to thank the members who stand up for our club all the time. who pitch in and help. You are all awesome! I hope we all realize how many are doing their part and making SNARS what it is. A dang fine club doing good service to the community.

Don't forget our great nets that are put on by our great NCO's who are always there. Noon net, DMR Tech net just to name a couple. It can be a nice way to check your gear, make contacts, and hear what's going on with our club and the systems we maintain. Check <https://snars.org/repeaters/nets/> for times and days.

Lastly, I would like to thank the people who have approached me with ideas, questions and concerns. I make sure I am available as much as possible at the meetings, on e-mail, and Telegram messenger.

73 until next month. N7ROJ



PO BOX 7727 Reno NV 89510
Yearly Dues: \$40.00 Individual • \$50.00 Family
775.453.4142 <http://snars.org>

2019 Officers

President.....John Byerly, N7ROJ
Vice-President.....Jim Shepherd, W6US
Treasurer.....Bill Jones, AE7OX
Secretary.....Anthony Marcin, W7XM
DirectorWes Vick, KG7QXE
DirectorJohn Miller N7JDM
DirectorBarry Bettman, K6ST

2019 Staff

Cracklin Static Howie Holden, WB2AWQ
W7TA Trustee Peter DeBay, KE7VSR
KR7ENO Trustee..... Howie Holden, WB2AWQ
Control Operator Pat Sheehan, W7DED
Historian Jon Fox, KF7KTC
Tech Team Lead Pat Sheehan, W7DED
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PIO Greg Krantz, NT7Q
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Noon Net Manager Wes Vick, KG7QXE
DMR Net Manager Anthony Marcin, W7XM
Reno Ham Swap Rob Dunbar, NB6C
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Club Sales Manager..... Julie Dodge, N7JWL
Recording Secretary..... Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Carson City	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

Thank you to our Sponsors/Supporters



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

Bishops Storehouse Net	Monday @ 9:15pm
N. Western NV ARES Net	Monday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newslane	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Week Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

SNARS Weekly DMR Net – Tuesdays
 8:00PM

SNARS Talk Group 31328

SNARS CALENDAR

Ham Radio Night at the REOC Wednesday, February 6
 6 PM Washoe REOC 5195 Spectrum Blvd, Reno NV

SNARS Board Meeting Wednesday February 13, 6 PM

One Day Ham Review Saturday, February 16, 8 AM SHARP!
 Washoe REOC 5195 Spectrum Blvd, Reno NV
 Visit <http://snars.org/classes> for more information on the
 One Day Ham Review / Ham Cram

NVCON Planning Meeting Wednesday, February 27, 6 PM
 Washoe REOC 5195 Spectrum Blvd, Reno NV

Next SNARS Breakfast Meeting – Saturday Mar 2, 8 AM
 Boomtown Casino Hotel Events Center I-80 at Exit 4 Verdi

WELCOME NEW MEMBERS

January 2019

Thomas Humbeutel	KJ7DAB
Christian Kennedy	AF6AP
Alyssa Brown	KK4TAB
Cecil McCumber	KJ7CZZ
Steven Elliott	WW6SE
Stephen Hurst	W6SLH
Mark Mitzen	KI7FNY

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

Elmers

From the very beginnings of ham radio, there has been a tradition of sharing knowledge of the hobby. Older, more experienced hams have helped newbies get on the air and improve their operations. We refer to these kind souls as Elmers.

With the broad range of activities available with ham radio, no one can do it all. As a result there is a need for lots of different Elmers to cover this wide spectrum of knowledge.

A new ham, fresh from passing the license test, may be knowledgeable about the rules and regulations, but knows practically nothing about getting on the air. They probably do not know a DTMF from a CTCSS and programming a "146.61-123.0" into a new radio can be a problem—"where do I enter the 23.61, and why was it written as a formula rather than the final number which the radio keeps saying is not a proper frequency..." The license prep materials do not explain that the 146.61-123.0 is short hand for 'receive frequency of 146.61 with a negative offset of 600 kHz for the transmit and a ctcss tone of 123.0 Hz'. And what is a ctcss and what does it do?

This is where an Elmer can really help. They can help the newbie program the local repeaters into their new radio, help get rid of 'mic fright', and get that first QSO in the log. This basic Elmering will get the new Ham on the air and active. As most of us know, once you get started, you start finding out more about the hobby and you will need to continuing learning more.

One of the things that SNARS is trying to do is provide opportunities for new hams and others interested in learning more about ham radio. The Ham Radio Night on the first Wednesday of the month has been doing some training on various topics as well as having some programming support. This month's topic will be on using the FT8 digital mode. We will cover from installing the program and interfacing it with a radio to actually making contacts on the air. In March, the Tech Team will be

checking your handheld and mobile VHF radios for correct function—If you have been getting reports that your audio is low, this will be a great time to get your radio checked.

Additional educational events about various facets of amateur radio are the presentations at the monthly breakfast meeting. This month's speaker will talk about remote control of your ham station. There is also a great opportunity to talk with other hams about additional aspects of ham radio. Chances are that there is someone there who has the answer for just about any question concerning radio that you may have or who will know someone else who can help.

Even relatively new hams can help Elmer others. You have finally mastered programming the new Kenesucomfang radio, and someone else gets one, you can help them with getting it programmed. A lot of the manuals are initially written in one foreign language, translated into Martian, then printed in pigeon English and are very hard to follow... Having someone who has done it before can greatly help.

We are seeing a lot of new hams getting their license and a handheld and then basically dropping out. New hams need to be helped to progress with the hobby. They need to be exposed to more than just checking 'in and out' to a net or just talking with a couple of other similarly basic hams which gets old and they slowly fade away.... There is a whole world of ham radio beyond a handheld VHF radio.

Back in the 'old days', handhelds were practically unknown and even VHF radios were rare. A lot of the new hams became hams because they were able to observe radio operations on the HF bands. The experienced ham became their Elmer and helped them build simple receivers and transmitters to get on the air. Short Wave listening got a lot of folks started as they wanted to be able to participate in making contacts across the country or around the world. Their Elmers got them to upgrade their equipment, broaden their interests and try new things.

I had a number of Elmers over the years, starting with my Dad. As a result I have been able to grow with the hobby and even professionally with radio electronics. I am still learning from other hams and would like to see a whole new generation of Elmers to help others expand their knowledge and skills in the fun world of Ham Radio.

SNARS LOGO ITEMS

This year we are celebrating our 50th year by providing many ways to commemorate this occasion by imprinted our 50th



Stickers \$1.00 Each



16oz Coffee Mugs \$8.00



Hats \$10.00



Club Badge \$15.00

Order at

<http://snars.org/store/badge-order>

Items are available at the monthly meetings, events or online (coming soon) <http://snars.org/store>

MIKE'S MISSIVES CHAPTER FORTY ONE

Mike Katz, N7MSK

A LITTLE MORE ON 10 CODES

I was reading some more on the use of the 10 Code in amateur radio and came across this statement by a ham that I fully support and think that the majority of ham users would support.

"Proponents of codes argue they are necessary for brevity and security. False. The only good security is state of the art digital encryption and the best brevity is concise English language."

Keep in mind that the vast majority of hams are not and have not been using 10 code in their past occupations and thus do not fully understand what you are trying to communicate. An occasional 10-4 would be understood as "affirmative", but to go much beyond that is probably not a good idea particularly if you are communicating about a minor or major situation that requires assistance or warning.

* * * * *

WELLER SOLDERING GUN TIPS

I take no credit for this. However, it's the first time I've seen anyone making replacement tips for Weller soldering guns. I discovered it only because, as I looked up replacement tips on Google, (Amazon was out of the tip for my gun) I spotted an entry titled "Homemade Weller Tips Cheaper and Better Than Original", and of course I had to check it out. The guy on the video uses ordinary #12 solid copper wire to make a soldering tip for the Weller guns. I had to try it, and it worked! Now, some comments on this method of replacing the tip are in order. This is obviously a home substitute, and it doesn't totally replicate a genuine Weller tip. For openers, the Weller tip, which measures .070 X .096 on the wire part (rectangular shape), has a larger "head" for the actual soldering part. #12 copper is just 0.081 diameter, while the head on a Weller tip is about .125 squarish. So it probably won't hold as much heat at the business end

Now I know I've said before I'm cheap, but I'm not so cheap as to be moan spending \$5 apiece for the correct tips. However, unless one maintains a supply of them (that wouldn't work for me as I'd only misplace them if I didn't have to replace them often) I occasionally find myself needing a new tip and have to wait till I can get replacements to finish whatever project I was working on. Radio Shack is no more, and guess what? Home Depot and Lowes don't show them on their websites. So that means waiting for Amazon to deliver. Or not. Or make my own. I've been using this first wire tip for several weeks now, doing a fair amount of soldering, and it seems to do the job very nicely, although I haven't tried soldering anything unusually large other than what I would encounter

working on my old radios. I'm sure the home made tips will not last nearly as long as the correct ones, but at less than 15 cents for 6 inches of #12 copper wire, I can make 33 of them for the cost of one Weller tip. And, I don't have to wait. The idea will work with either the screw-retained or the nut-retained versions of the tip. You can catch a YouTube video of how to do it here:

<https://www.youtube.com/watch?v=DS4pIN51Deg>



My Weller gun is the very common 8200 model, rated 100/140 watts, and #12 wire is pretty close to the wire size of the Weller tips. If you have the larger Weller D550, or any one with higher wattage ratings, #10 wire is the size to use. Sorry Amazon, you lose.

73, WB2AWQ

NAME THAT RIG



(Answer on pg 8)

W7SSB's FUN STUFF

THE MFJ 1886TR

The MFJ 1886TR is a receive loop antenna with the ability to connect a transmit antenna to a separate coax connector on the control box ...



The 36" x 1" aluminum loop has a 500khz - 30 mhz broadband receive amplifier that is built in. The amplifier is powered by 12VDC thru a bias T/R relay control box .



The 12VDC is fed thru the coax to the loop amplifier! The amplifier is in a waterproof enclosure!



The operator has ability to use the loop antenna for quieter (noise) receive signals and the ability to amplify them! The built in T/R relays allow you to use a separate transmit antenna such as a noisier vertical and run up to 100 watts! You can null out noise by using a rotor or manually turning the loop!

Please review the attached manual from MFJ!
<https://www.mfjenterprises.com/Product.php?productid=MFJ-1886TR>

The MFJ 1886TR is a great antenna for the SWL and Ham alike!

WTWW is the only shortwave broadcast station in the USA that broadcasts "amateur radio shows" worldwide! I've been listening for years!

Look at their website on the history of the station! Lots of fun listening to a shortwave broadcast

<http://wtww.us/pages/schedule.php>

Here is a new MFJ product based on the antenna I showed at the Jan. breakfast! A great price that we can offer thru the club!

MFJ New! QuikStik™ Spike Mount

Just push it in the ground and screw on your antenna!
Get on the air QUICK!

at home . . . in the field . . . great for stealth, townhomes, small lots . . .

MFJ-1936T
 Includes ground rod, mount and counterpoise wire.

The MFJ-1936 is a HOT new product from MFJ for those who wish to be QUICK with their antenna set-ups!

For those hams on-the-go to their next adventure or for those at home needing something stealthy and QUICK and easy-to-hide!

This is the MFJ QuikStik™ Antenna system.

It consists of a durable four foot 3/8 inch diameter copper bonded steel earth ground rod, a 3/8-24 threaded HF antenna pipe mount with SO-239 connector for your coax run, and twenty-five feet of counterpoise wire for coupling to the ground rod.

It's super efficient and a very QUICK set-up. Just set the mount, push the rod into the ground, add your antenna, counterpoise wire and coax and operate!!! Use hamsticks, telescopic 20-6 Meter whips, solid whips, screwdrivers, even motorized screw-driver antennas if you wish.

The copper ground rod is tough and will last for years of superior service. A pointed end makes it easy to push into the ground. Use it to help bleed off static and RFI and prevent RF hot spots. The wire coupler is built onto the ground rod, just unscrew and screw back for QUICK counterpoise adjustment.

The mount is tough aircraft quality aluminum and will hold up to a 1" pipe. The SO-239 gold-plated connector has a lock washer under the 3/8-24 connector.

MFJ includes your twenty-five feet of coated wire for your counterpoise. All you need to do is add your antenna and coax!!!

QuikStik™ Antenna packages



MFJ-1936TW
 QuikStik™ antenna system with MFJ-1979 17 foot telescopic whip antenna.

MFJ-1936TWC
 QuikStik™ antenna system with MFJ-1979 17 foot telescopic whip antenna and 40-6 Meter MFJ-67 loading coil.

Visit: <https://www.mfjenterprises.com/Product.php?productid=MFJ-1936T> for full details!

73, Don W7SSB

FUN STUFF FOR JANUARY

February has some good contests. Four events in February are NCJ or ARRL-sponsored, (shown in bold) thus possibly qualifying for the ARRL Gavel Award.

2 Feb 0001 to 3 Feb 2359 **28 10-10 International Winter Contest**, SSB www.ten-ten.org

3 Feb 0000 to 3 Feb 0400 **3.5-14 North American Sprint**, CW ncjweb.com/Sprint-Rules.pdf

9 Feb 0000 to 10 Feb 2359 **3.5-28 CQ WW RTTY WPX Contest** www.cqwprrty.com

11 Feb 1300 to 15 Feb 2359 **All, no WARC ARRL School Club Roundup CW Ph Dig** www.arrl.org/school-club-roundup

16 Feb 0000 to 17 Feb 2359 **1.8-28 ARRL International DX Contest**, CW www.arrl.org/arrl-dx

16 Feb 2300 to 17 Feb 2300 **1.8-14 AWA Amplitude Modulation QSO Party** www.antiquewireless.org

22 Feb 2200 to 24 Feb 2200 **1.8 CQ 160-Meter Contest**, SSB Ph www.cq160.com

23 Feb 1800 to 24 Feb 0559 **3.5-28 North American QSO Party**, RTTY www.ncjweb.com

24 Feb 1400 to 27 Feb 0800 **1.8-144 Classic Exchange**, Phone www.classicexchange.org

A complete list of contests is available at:
<http://www.arrl.org/files/file/Contest%20Corral/2019/February%202019%20Corral.pdf>

If you're not into contests, there's always DX to chase! February has some good stuff from all around the globe. Some of the better DX operations coming up in February:

Jan 31 to Feb 05 **Papua New Guinea P29VCX**

Feb 04 to Feb 18 **Vietnam XV9**

Feb 06 to Feb 11 **Papua New Guinea P29NI**

Feb 07 to Feb 18 **Brunei V84SAA**

Feb 08 to Feb 11 **Svalbard JW1QH**

Feb 11 to Feb 26 **Macao XX9D**

Feb 15 to Feb 18 **Monaco 3A**

Feb 15 to Feb 25 **Burundi 9U4RI**

Feb 16 to Feb 23 **Gambia C5DX**

Feb 16 to Mar 05 **Central Kiribati T31EU**

Feb 16 to Mar 18 **Vietnam XV9YM**

Feb 19 to Mar 06 **Vietnam 3W9JF**

Feb 20 to Mar 30 **Senegal 6W7**

Feb 27 to Mar 06 **Galapagos HD8M**

See <https://www.ng3k.com/Misc/adxo.html> for more DX operations.

NAME THAT RIG (from pg 6)

Inoue Communications (later to become known as **ICOM**) formed in 1964. Their first TRANSCEIVER was the **FDAM-1**, a 1 watt AM single channel transmit, tunable RX for 50Mhz. Pretty simple, and not good for a whole lot. They sold 200. It was followed in a few years by the FDAM-2 and -3, offering respectively, 4 channel crystal selection, and VFO with FM or AM. This was the beginning of one of the world's most recognized and respected names in communication, both Amateur and commercial.

JIM SHEPHERD'S SHORT TAKES.....

ARRL Section Manager Nominations

Nominations for the Nevada Section Manager are due by March 8, 2019. Nominating petitions and further information can be found at <http://www.arrl.org/section-terms-nomination-information>

Ham Radio Night, February 6, 2019

There will be a presentation on setting up and basic operation of FT8 digital mode as well as programming support and help with other ham radio issues.

Southwestern Division Convention, Yuma Hamfest, February 15-16, 2019

Get out of the cold and head for Yuma, Arizona for the big event. There will be seminars, a vender area, huge swap meet and other activities including a High Altitude Balloon launch. For further information, go to <http://www.yumahamfest.org/>

Ham Radio Exams, February 16, 2019

Exams for all classes will be held at the REOC starting at 0830. Here is your chance to upgrade your license or for your friends to get their new license.

ARRL SSB DX Contest, March 1-3, 2019

A good activity to pick up some new countries for your DXCC. If you are going to participate, and you have not already sent your 6 digit grid zone location to w6us@snars.org, please do so by February 27 so you can be added to the 'authorized' club member list and be sure to list Sierra Nevada ARS as your club when you send in your log. For more information-- <http://www.arrl.org/arrl-dx>

WINTER FIELD DAY? SOTA? IOTA?

On the next page are some photos of W7SSB's foray into the Winter Field Day. If you've done Winter Field Day or SOTA, or IOTA (or any other special Amateur operations), you have photos of it, and you'd like to have your journey published in Cracklin Static, we'd love to hear from you! Contact me WB2AWQ at holden7471@msn.com

WINTER FIELD DAY, ANYONE?

I operated for "Winter Field Day" at Washoe lake camp ground! There was quite a few people camping and horse trailers there! Pretty good band conditions After 4 hours the wind got to me! Lots of fun and contacts until the wind speed went up and temperature went down !
73, Don W7SSB



Xeigu G90 transceiver, W2ENY Handset, MFJ-1886TR Control Box, Bioenno Power BPP-120 Watt Power Pack, Monoprice Power Cache 220 Power Pack , and Alpha Delta 4 position coax switch



MFJ-1654 HF Big Stick, Monoprice tripod



MFJ-2104 Octopus, 1918EX mast, Monoprice Tripod



MFJ-2289 Big Ears Dipole, 1918EX mast



MFJ-1886TR receiving loop, Monoprice tripod

ARRL KIDS DAY YOUTH INVOLVEMENT

Youth involvement for SNARS is off to a great start in 2019. We had 3 events for ARRL Kids-Day on Saturday January 5, 2019:

SNARS BREAKFAST

Barry K6ST gave a presentation about the importance of youth in ham radio. He mentioned that Gordon West did an interview with him on Ham Nation all about Youth and Kids Day. You can watch it on line <https://twit.tv/shows/ham-nation/episodes/383>



SNARS members engaging Kids in ham radio

We had Kid's talk with other youth around the world at the SNARS Breakfast Kids-Day

KIDS ON THE AIR AT CABELA'S



A "SPECIAL THANKS" to Cabela's from SNARS for having us inside on a wintery day!



Even youth YL can enjoy learning CW

SCOUTS ON THE AIR

from Cold Springs Valley Volunteer Fire Department



Boy Scouts help each other while learning about ham radio on the air.



Girl Scouts talk on the air to DX around the world

BONUS EVENT

In addition to ARRL KID-DAY events, we had the **BOYS & GIRLS on the Air on FRIDAY 1/11/2019** at Boys & Girls Club in Reno. 15 middle school kids loved ham radio. Four of them are interested in getting their licenses. We are looking at bringing a multi-week in-person class to the Boys and Girls Club.

SNARS members interested in helping out and engaging with youth, contact Barry k6st@arrrl.net

Our next Youth Involvement will be February 11-15 for ARRL School Club Roundup. See www.snars.org or www.arrrl.org/school-club-roundup

73, Barry K6ST Nevada Section Youth Coordinator - ARRL

From Jon Fox KF7KTC, who also took Kids Day photos at breakfast and at Cabela's



LEFT

Sam Case KG7HBY working a computer/radio link at breakfast



RIGHT

Sam with other teens talking with Barry K6ST, NV Youth Coordinator, at breakfast



LEFT

SNARS members set up at Cabela's



RIGHT

Sam with other teens at Cabela's

Jon reports: There were upwards of 30 volunteers from our club assisting in the setting up and running the special Kids Day booth at Cabela's. A winter snowstorm approaching from the west, with increasing winds and dropping temperatures, made the comfortable working conditions not only nice, but necessary for operations. A 2 meter antenna was attached to one of the canopy's legs on a short mast, affording access to repeater and simplex traffic. 73, KF7KTC

ARES NEWS

ANNUAL COMMUNICATIONS CALENDAR 2019

EVENT 2019	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Reno 5000-1	4/6/19		Dolan Auto Group	Bob Miller WA6MTY	wa6mty@gbis.com
SAGAN FONDO	5/4/19		Peter Sagan	Bob Miller WA6MTY	wa6mty@gbis.com
Silver State 50/50 race	5/18/19		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Indian Valley Century Bicycle Ride	????		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Lost and Found Gravel Grinder SBTS	6/1/19		Plumas ARC	Brian KJ6EAC	brianv@psln.com
America's Most Beautiful Bike Ride	6/2/19		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Pony Express Re-Ride	6/10/2019	6/20/19	SIERA	Jeff Cauhape K7BCV	j_cauhape@yahoo.com
RENO 5000-2	6/30/19		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com
Alta Alpina Challenge	6/30/19		Alta Alpina Cycling Club	Jennie Hamiter, KE7YBA	jenniehamiter@mac.com
Death Ride	7/13/19		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Tahoe Rim Trail	7/20/19	7/22/19	Tahoe Mountain Milers	Bob Miller WA6MTY	wa6mty@gbis.com
NVCON 2019	7/20/19	7/22/19	SNARS	Tony W7XM	w7xm@snars.org
Round Valley Walk/Run	????		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Running With the Bears	8/17/19		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Vegas to Reno Off Road Race	8/14/19	8/17/19	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
RENO 5000-3	8/25/19		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com
Tour De Tahoe	9/8/19		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Reno Air-Races	9/8/15	9/15/19	WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com
Bear Grawl Gravel Grinder	9/14/19		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Edible Pedal 100	9/15/19		Sunrise Rotary Club	Bob Miller WA6MTY	wa6mty@gbis.com
Stetina's Sierra Prospect	9/21/19		John Prouty	Bob Miller WA6MTY	wa6mty@gbis.com
Grinduro SBTS	9/28/19		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Nevada Day Parade	10/26/19		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com , cell 775 790-1739
Turkey Trot	11/28/19		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

NOTES FROM BOB:

Feb 16th is my first "One Day Ham Cram" of the year. Anyone studying for their Amateur (Ham) Radio License, I will review all of the test questions, focusing on the correct answer. Everyone must go to <https://snars.org/oneday/> and sign up so I have enough handouts.

Also if you are studying for your "General", July 1st the new test comes out and you will have to buy a new book. Again go to <https://snars.org/oneday/> and sign up so I have enough handouts.

Bob Miller WA6MTY
Emergency Coordinator for Washoe County
Amateur Radio Emergency Service
775 843-5952
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wa6mty@gbis.com

COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER
Alpine, Ca	147.33	Douglas	147.33	Pershing	147.03	Washoe	147.15
	146.94		147.27		147.18		147.21
	147.24		147.24	Placer, Ca	147.24		147.03
	147.27		146.865	Plumas, Ca	147.15		147.18
	146.865	Eldorado, Ca	147.24		147.21		146.61
Churchill	147.15	Lassen, Ca	147.18	Sierra, Ca	147.15		147.39
	147.21				147.33		
	147.03	Lyon	146.97	Storey	147.15	EchoLink and IRLP	146.895
	147.18		146.61		147.21		147.3
	146.97		147.15		147.03	DMR	TALK GRPS
Carson City	146.61	Mineral			147.18		
	146.94	Modoc, Ca			146.61		
	147.39	Mono, Ca			147.39		
	147.27	Nevada, Ca	147.15		146.85		



Board of Directors Meeting

January 9, 2019 - 6:00 PM

Redwood Grill, Reno

1. Call to order and roll call at 6:00 PM

Anthony Marcin, W7XM	No	Barry Bettman, K6ST	Yes	John Miller, N7JDM	Yes
Bill Jones, AE7OX	Yes	John Byerly, N7ROJ	Yes	Wes Vick, KG7QXE	No
Jim Shepherd, W6US	Yes				

Recording Secretary: Doug Edmondo, W7DBE

2. Approval of Minutes

- A. Approval of minutes of the December Board of Directors Meeting. W6US Moved to approve, N7JDM seconded and motion passed
- B. Approval of Agenda. W6US Moved to approve, N7JDM seconded and motion passed

3. Reports

A. President's Report

- a. W7XM remains secretary while W7DBE is the recording secretary
- b. President discussed bylaw changes and membership approval
- c. President commented on a great "Kids" day.

B. Secretary Report

- a. Status Report - None

C. Membership Coordinator

- a. Membership Status – Report 351 members

D. Treasurer

- a. Financial Report was reviewed by the board.
- b. Board considered options for \$3,300 in surplus funds from 2018. N7ROJ motioned to split the funds equally between the checking account and the self-insurance fund. W6US seconded and the board approved.
- c. Reported the following balances as of 12/31/18: Checking: \$8,049 Savings: \$6,264 Paypal: \$2,664 Conv: \$6,221 Self-Ins: \$2,513

E. Technical Team - Report

- a. Pat Sheehan, W7DED, is back as the technical team lead
- b. N7ROJ discussed the lease for lower Pevine and the clean up activities which are ongoing by various groups.
- c. Reported that there are no issues with Toulon and Pat is monitoring the repeater.

F. Control Operators / Trustee

- a. Discussed the need to call out for Trustees – K6ST offered to become a trustee.

G. Events

- a. NVCON 2019 – Tony is working collaborations

- b. Field Day 2019 – We were unable to reserve the main area, have the equestrian area as a back-up. Considering a different location for field day. We also need to put out a call for a field day chair.
- c. Ham Swap (Fall / Spring) 2019 – Nothing new.

H. Education Activities

- a. K6ST reported a great Kids day with about 30 participants between Cabella's and the Boy Scouts. We will be presenting Cabella's with a plaque for their assistance.
- b. K6ST reported on upcoming activities including the Boys and Girls club, UNR, charter schools, working with W7DBE to have an event at the Discovery Museum and field day.
- c. W6US discussed topics for the Wednesday tech night including Ft-8 in February and HT checks in March.
- d. The board discussed the “Elmer” comments from the breakfast meeting. N7JDM, N7ROJ and W7DBE expressed interest in being Elmers.

I. Noon Net

- a. Nothing new

J. New Business

- a. Review of bylaws – W6US sent suggested changes to the board for review prior to legal review. Discussed membership approval of the updated By-Laws
- b. Tony is in the process of adding the “E” voting to the current By-Laws.

K. Public Comments

- a. None

L. Adjournment of the board of directors

- a. Next Meeting: Will be February 13th Wednesday 6pm – Location Redwood's Grill, Reno
- b. Call for Adjournment at 7:15pm by K6ST, 2nd by N7JDM.